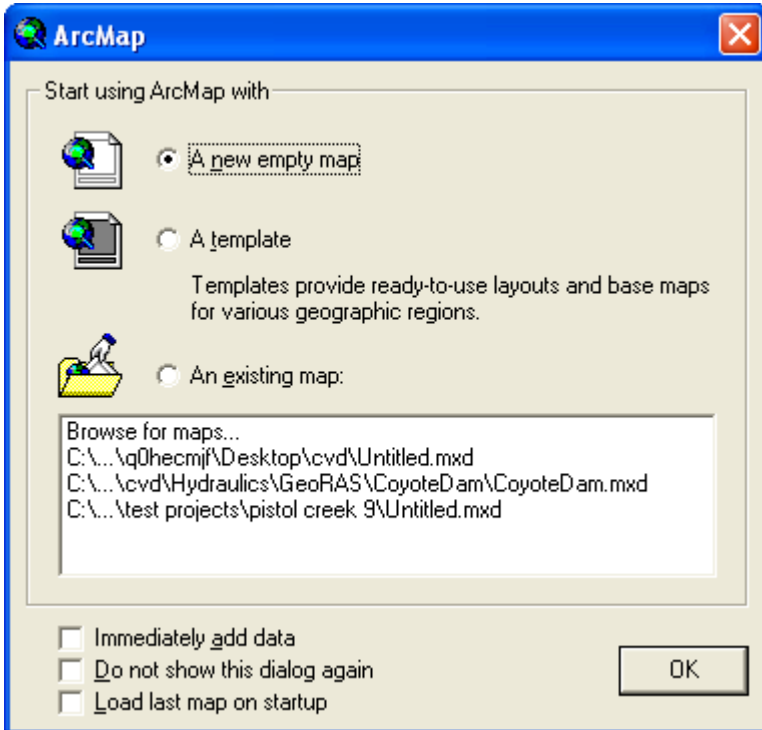

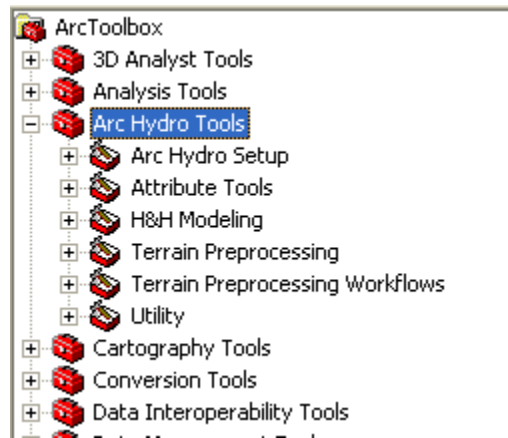


The following steps need to be follow when creating an ArcMap project where Arc Hydro and HEC-GeoHMS will be used.

1. Open a new empty ArcMap project. Do not open an existing ArcMap project and then create a new empty ArcMap project. The following screen should open when ArcMap is started. Choose to start ArcMap with “A new empty map.”

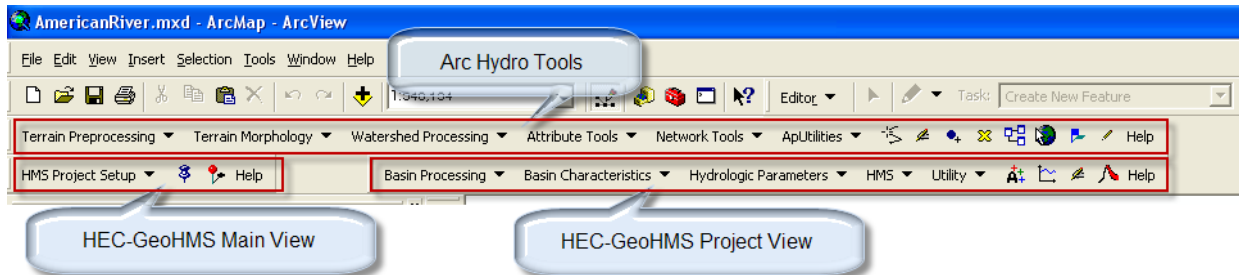


2. Add the Arc Hydro Tools toolbox to ArcToolbox. Click the **Show/Hide ArcToolbox Window** button, , to open ArcToolbox. Then place the mouse pointer on top of ArcToolbox and click the right mouse button. Select the **Add Toolbox** option in the list. By default, the Arc Hydro toolbox is located at C:\Program Files\ArcGIS\ArcToolbox\Toolboxes. Once the Arc Hydro Tools toolbox is added, ArcToolbox will look similar to the figure below.



3. Load the Arc Hydro and HEC-GeoHMS toolbars.
 - Select **Tools** → **Extensions...** and turn on Spatial Analyst.
 - Select **Tools** → **Customize...** and check the **Arc Hydro Tools 9**, **HEC-GeoHMS Main View 9**, **HEC-GeoHMS Project View 9** toolbars.

When loaded, the Arc Hydro and HEC-GeoHMS toolbars will look similar to the figure below.



4. Load the terrain data. The purpose of loading the terrain data is to set the projection of the data frame. Therefore, the terrain data should have already been projected prior to adding it to the project.

5. Save the project. Save the project to a new empty directory on the local computer. No other ArcMap document should be in this directory. The location of the project is important because subsequent derived datasets are stored in this directory.